

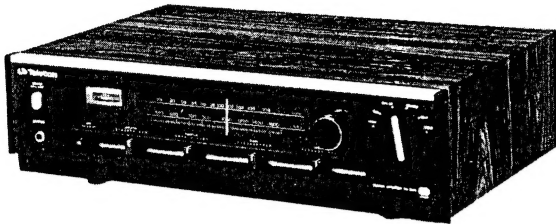


SERVICE MANUAL

LW/MW/FM

Stereo Receiver

MODEL TA-3000L



Germany:

TELETON Elektro GmbH.
4000 Düsseldorf-Rath Oberhausener Str. 17
Tel. (0211) 65 30 81 TX 858 6768

United Kingdom:

TELETON Electro (UK) Co., Ltd.
Teleton House, Waterhouse Lane,
Chelmsford/Essex
Tel. Chelmsford 62 442 TX 99 338

Technical Service Organization
Waterhouse Lane, Chelmsford, Essex.
Tel. 0245-54621 TX 99338

Belgium:

TELETON N.V.
2200 Borgerhout Belgium
Prins-Leopold-Straat 28
Tel. 03/361045 TX32508
03/357670

Netherlands:

TELETON NEDERLAND B.V.
Marconiweg 10. Vianen
Tel. 03473-3744 TX 40581

France:

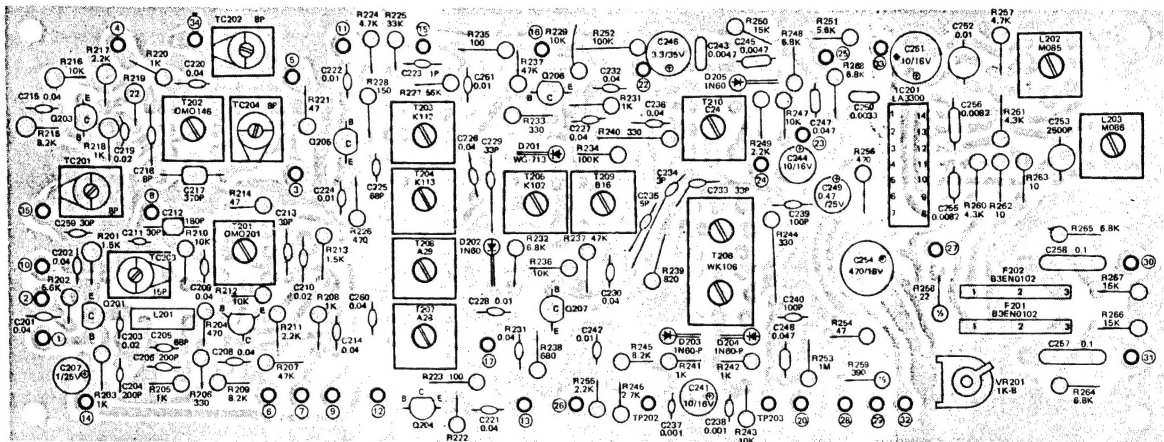
TELETON Electro (France) S.à.r.l.
21 rue Paul Lafargue
94270 Le Kremlin-Bicêtre
Tel. 677 6934 TX24 468

Switzerland:

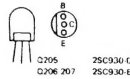
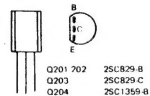
TRANSACO AG
Kanzleistrasse 126 8004 Zürich
Tel. 39 45 60/23 50 40 TX 52 362

Specifications are subject to change without notice.

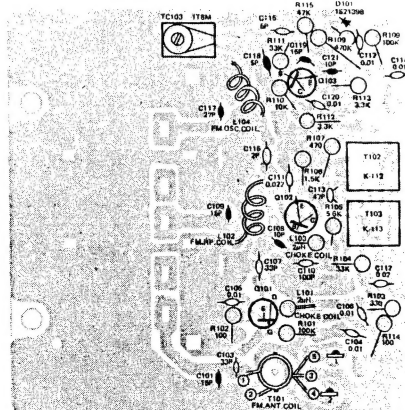
FAIM-3000L AM TUNER, AM FM IF, MPX P. C. BOARD



Transistor View



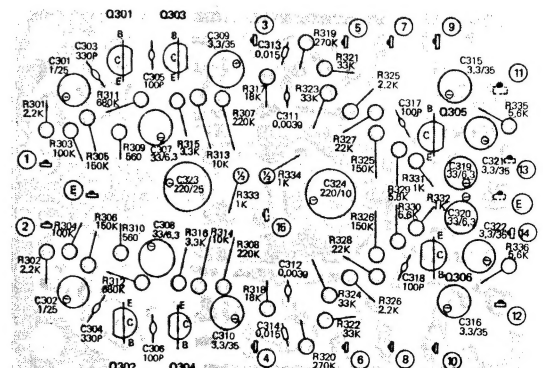
FMF-3000L FM TUNER P. C. BOARD



TRANSISTOR VIEW

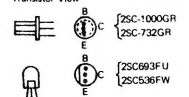


PRA-3000L PRE AMP. P. C. BOARD

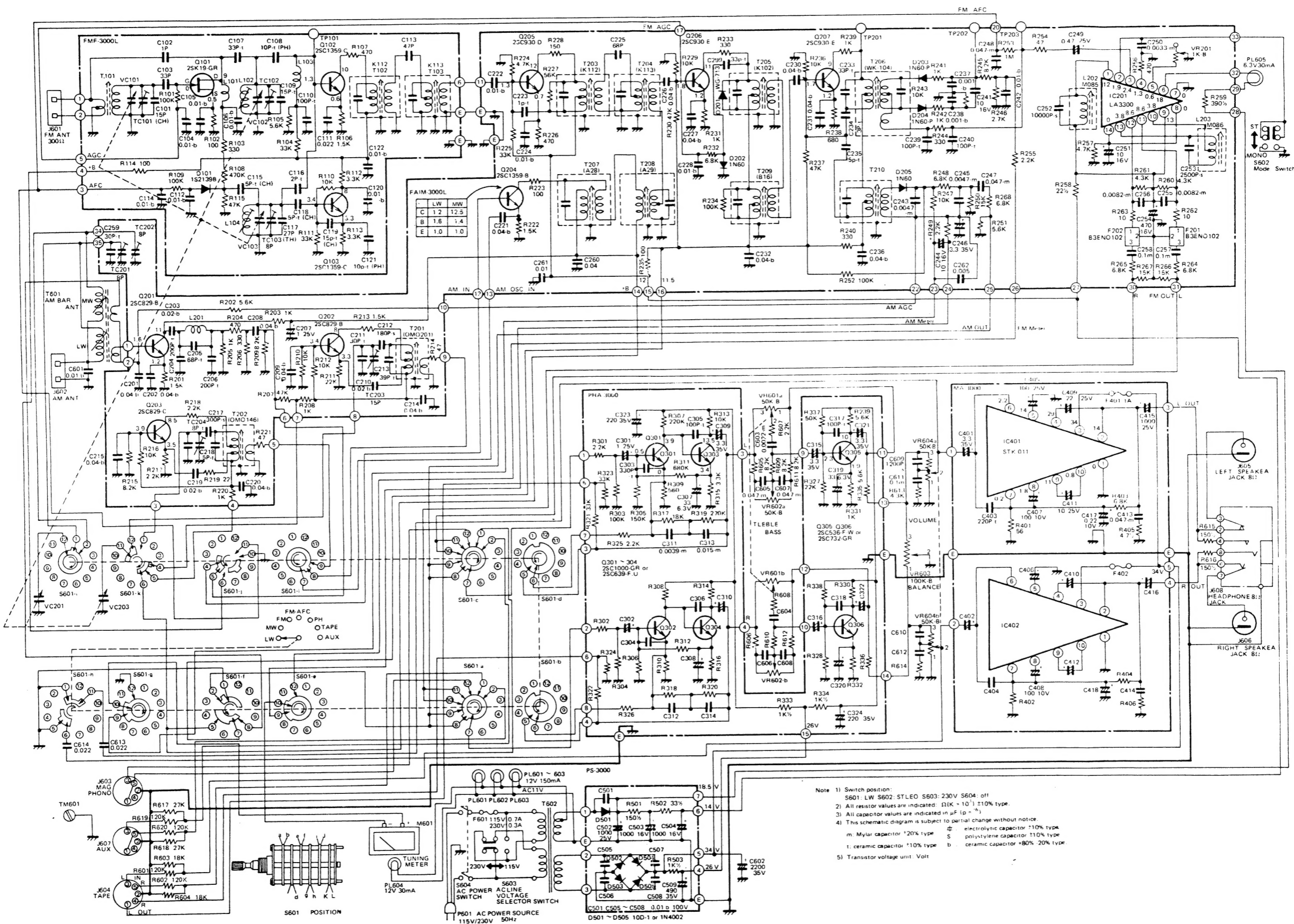


Q301, 301, 303, 304 : ZSC-1000GR or ZSC-693FU
Q305, 306 : ZSC-732GR or ZSC-536FW

Transistor View



SCHEMATIC DIAGRAM

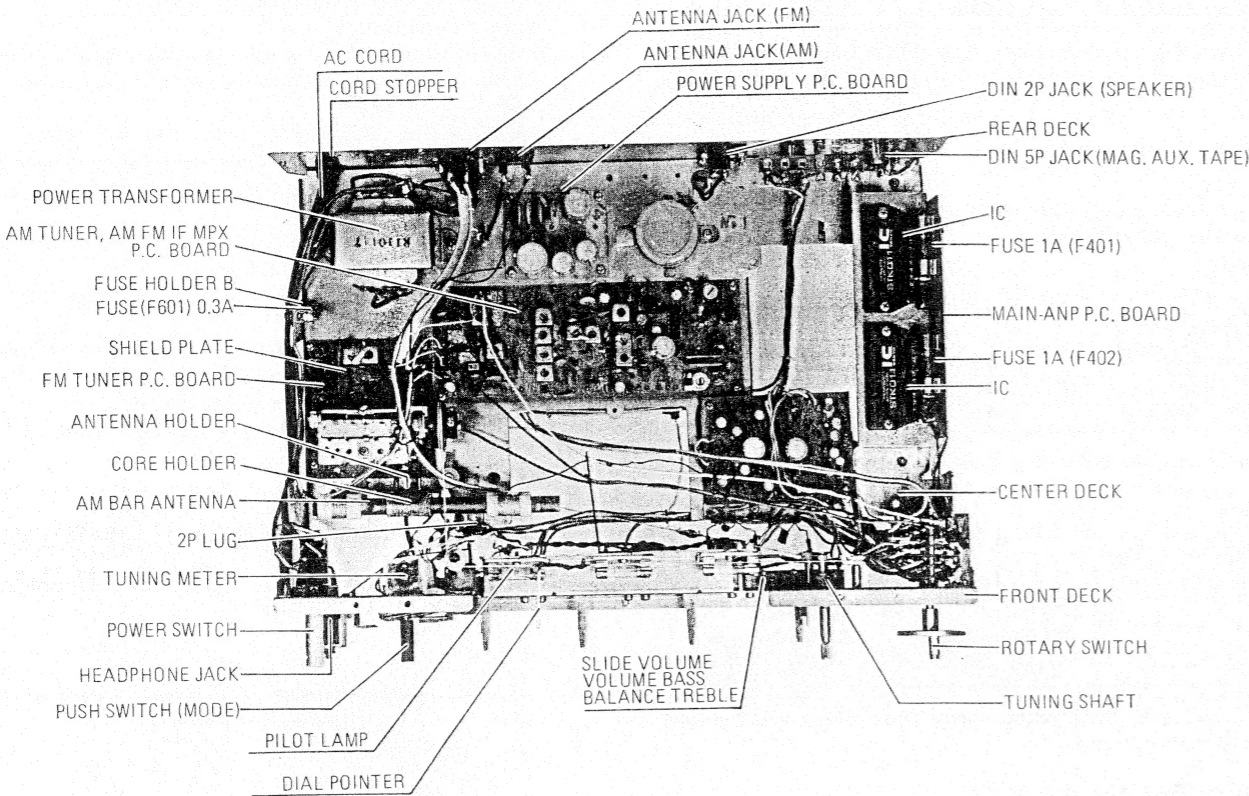


Note 1) Switch position: S601: LW S602: STLEO S603: 230V S604: off
S601: LW S602: STLEO S603: 230V S604: off
2) All resistor values are indicated: Ω ($K = 10^3$) $\pm 10\%$ type.
3) All capacitor values are indicated: μ F ($p = 10^{-6}$)
4) This schematic diagram is subject to partial change without notice.
m. Mylar capacitor $\pm 20\%$ type S. polystyrene capacitor $\pm 10\%$ type
t. ceramic capacitor $\pm 10\%$ type b. ceramic capacitor $\pm 80\%$ $\pm 20\%$ type
5) Transistor voltage unit: Volt

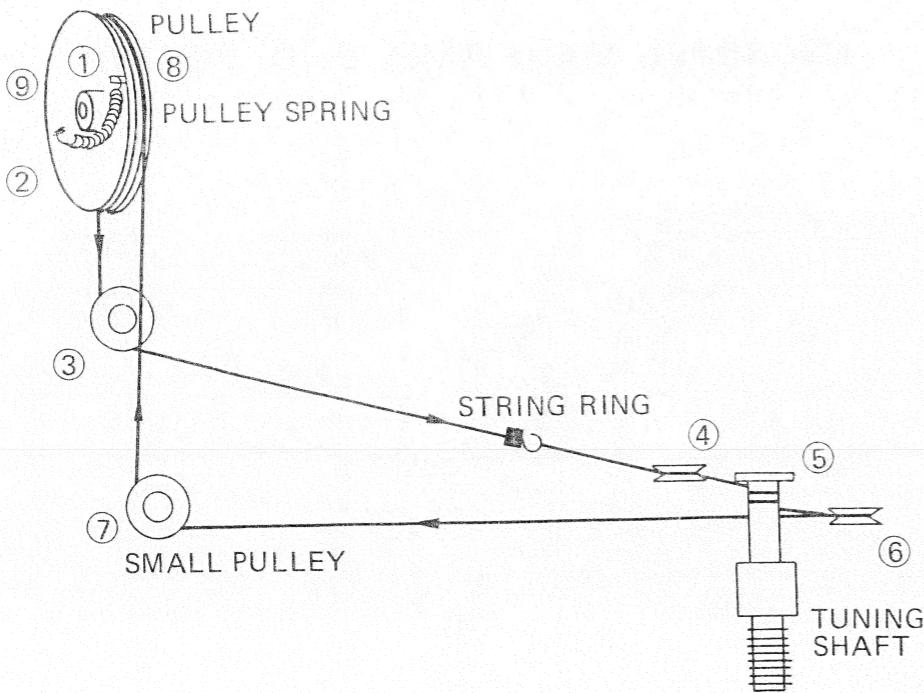
115 12 ~
283 24 ~

MAIN PARTS LIST

PARTS LOCATION



DIAL STRINGING



Ref. No.	Part No.	Description
A. Cabinet		
	R811565	Panel
	R636952	Panel Plate
	R860679	Dial Window
	R851477	Volume Mask
	R871339	Power Switch Knob No. 339
	R871468	Push Button
	R871353	Slide Knob No. 353
	R871340	Tuning Knob No. 340
	R871337	Selector Switch Knob No. 337
	R840588	Cabinet
	R830555	Rubber Foot
	R651711	Shield Paper (with Cabinet)
	H650299	Stopping Washer (Chassis)
B. Chassis		
	H677054	Small Pulley H
J608	R439000	Headphone Jack
S604	R429043	Power Switch 250V 4A
S602	R429065	Push Switch
VR603	R361138	Slide Volume (Balance) 100 Kohm B
VR601	R361139	Slide Volume (Bass, treble) 50 Kohm B
VR604	R361140	Slide Volume (Volume) 50 Kohm x 2 with Tap
S601	R421072	Rotary Switch
	R671078	Tuning Shaft
	R633058	Fuse Holder
PL601, 603	R411025	Pilot Lamp 12V 0.15A
M601	R590066	Tuning Meter
	R700337	Meter Holder
	H830004	Dial Lamp Holder
PL604	R411058	Stereo Lamp 12V 85mA
	H677055	Small Pulley J
	R860677	Dial Plate
	R877099	Dial Pointer
	H850105	Dial Pointer Felt
	H770009	Pulley Spring
	H700020	Dial Stringing Ring
	R830574	Cover Board A
	R830575	Cover Board B
	R440095	AC Cord
	R435007	KEMA Plug
	R811071	Cord Stopper D
	R851499	Cord Stopper Spacer
	R439021	Antenna Jack (FM)
	R439022	Antenna Jack (AM)
	H425020	Slide Switch
	R851469	Switch Mask B
	R438013	Din 2P Jack
	R438012	Din 5P Jack
	R921022	GND Screw
	R436017	5P Lug
	R436019	4P Lug
	R436016	2P Lug
	H677051	Small Pulley E
	R633234	Fuse Holder
	R633058	Fuse Holder B
	R180298	AM Bar Antenna
	R62653	Core Holder
	R651485B	Antenna Holder

Ref. No. *	Part No.	Description
F601	R412030	Fuse 0.7A
F601	R412038	Fuse 0.3A
	H810167	Pulley
	R110147	Power Transformer
	H850102	Spacer
C. FM Tuner P. C. Board (FMF-3000L)		
T102	R15124	FM IFT K112
T103	R15125	FM IFT K113
Q101		Transistor FCT 2SK-19GR
Q102, 103		Transistor 2SC1359-C
D101		Variable Capacitance Diode IS2139B
D. AM Tuner, AM FM IF, MPX P. C. Board (FAIM-3000L)		
T201	R160201	LW OSC. Coil OMO201
T202	R160146	MW OSC. Coil OMO146
T203	R15124	FM IFT K112
T204	R15125	FM IFT K113
T205	R15093	FM IFT K102
T206	R15094	FM IFT WK-104
T207	R151071	AM IFT A-28
T208	R151072	AM IFT A-29
T209	R15122	AM IFT B-16
T210	R151031	AM IFT C-24
L202	R151085	MPZ Coil M-085
L203	R151086	MPX Coil M-086
F201, 202	R290011	MPX Filter
IC201		I.C. SA3300
Q201, 202		Transistor 2SC829-B
Q203		Transistor 2SC829-C
Q204		Transistor 2SC1359-B
Q205		Transistor 2SC930-D
Q206, 207		Transistor 2SC930-E
D201		Silicon Diode WG-713
D203, 304		Germanium Diode 1N60P
D203, 205		Germanium Diode 1N60
VR201		Semi-Fixed Resistor 1 Kohm B
E. Pre AMP. P. C. Board (PRA-3000L)		
Q301, 302		Transistor 2SC1000GR
303, 304		or 2SC693-F-U
Q305, 306		Transistor 2SC732-GR
		or 2SC536-F-W
F. Main AMP. P. C. Board (MA-3000L)		
IC401, 402		I.C. STK-011
F401, 402		Fuse 1A
G. Power Supply P. C. Board (PS-3000L)		
D501, 503		Silicon Rectifier Diode
502, 504		
505		10D-1 or 1N4002